er 1983 Vol 2 No 35

News Desk Electron launched ... at last

Continued on page 5

Continued on page 5

software loans from ordine a

BRITAIN'S HOME COMPUTER WEE

PROGRAMMABLE JOYSTICK INTERFACE Spectrum



COTTO MEMOCANICO



Simple Service.

Of the Service of t

PACKAGE CONTENTS SUPPLIED

CONTROLLERS
TOR SEE WITH DER EVERSTACE
Notable or WE SE, Commodiers 84, Adad VC, Ana HG, Anas 800,
Hayes require seens fromted for our
first require seens fromted for our
first angled leading on endoir mack order
VSLT Joyceals
CONLY 47 54 and VAX + PAP

PRERVOET, BOSINON REGIS, WEST SUSSEX, PODJ DER

OFF ITEM
PROGRAMMABLE INTERPACE
JUYSTICKES

LAR COMPUTING WEEKLY



1.7 Semineratur 1983 Vol 2 No.35

Puzzle, Top 10, Ziggunst

as links with the BBC, should be

UK Addresses: 32 mater at 0914 312 mass at 07914 Owners Advisored 32 inners at 0779 2 22 mass at 027 40 Places by Massard Ser.

HOVER BOUVER





commodore &

A fixed Control Ground has been seen to supplied in the the Manisterior of the State of the Stat

POPULAR COMPUTING WEEK

Electron challenges

News Desk elder brother

IBM Peanut to hit Adam

Arcade/adventure

steams eheed

TI drops price

End of a sage



CAMBRIDGE COMPUTING

1 Benson Street Cambridge CB4 3QJ Telephone 0223 322905

POPULATIONPLTING WEDGLY

Now that adventure place a With an III,000-word vecabolery, I suppose it is not Private Symbols securiously a Sevabble espection, advance Clear and After playing Schemoth Regarding less Berris-To copy to M Earnitry were Law St. 18-36 Append) 10 One of the problems such the Lynx is the lock of the apes has solly ever

CALIFORNIA

GOLD BUSH

HOWDE DO PARDNERS

one of them claims.

This here's Prospector Jake, I sure am havin' one helluva time tryin' to peg ma claim with those damned Injuns a hootin' an a hollerin' all over this territory. Ma job oets harder as I move from one Gold Field to another. I know, that is me an' me stubborn hornery of Mule here know of 24 rich an' I mean rich seams of oure Gold. All it needs to make

this here of critter happy is that you help me peg every docgone last

Can YOU help Jake become rich, help him peg his claim, dodge the arrows, avoid the tomshawks, and plant the Dynamite in just the right place? . . . YOU CAN!!! YIPPEE . . . Git ver Picks an' Shovels and join the CALIFORNIA

GOLD BUSH... NOW

Amazing Arcade Action . . . Stunning Sound and Graphics
Available NOW for Commodore 64. Spectrum 48, and Dragon

27 9 5 including P&P

SPECIAL OFFER SPECIAL OFFER SPECIAL OFFER Order CALIFORNIA GOLD BUSH before August 14 FREE and get a 10-game Cassette of terrific games . . . COMING SOON

LEAPIN' LANCELOT: Medieval Machine Magic to enthral you GAI ACTIC SURVIVAL PAK: Every Astro-Traveller must have this!

VALUE OF a shusye need Dynamic Deelers and Imaginative Writers

PORAL SURFINCLIONS C Please make charged and POIs payers to have life exponent (use on emission of Could's STATE COURT (USE)

COMMODORE 64

I CHALLENGE YOU TO FIND A BETTER DEAL!

CRESTMATT SPECIAL PACK £234.95



sette C distinguist in Societies overleget delivery, C.D.D. No orders above 1789 a trappet of 15th returned.

NAL ORDER, C.D.D., you can ARRANGE to collect from our RECENT STREET other, minimum order 2100

NB All hardware in supplied with all connections manuals, and gasegated by Consequence 112 months.

(No credit Caroll To Creditation St. Notices Series Consideration (No credit Caroll To Creditation Ltd., Tel. 7492510:407690 (AK CUSTOMERS CHESHAM ROUSE, ISS RECENT STREET LONDON WIR SEA DEALER ENDURSES

OMENT HOUSE, 4245 NEW RISDAD STREET LONDON EC2

GOOD PROGRAMMER WANTED NOW COM O

'Advisable to check before ordering



TO DUSTY OF THE PARTY OF THE PA SEN ALLE MALENT M MET THEFTEE THE PART OF LESS AND LESS AND LAND TOTAL TENT OF THE PARTY OF THE OF 1-146 TO 188 PRINT OF THE Marine and a 62 1600 datat tabidatafille. m. THE PERSON NOT AND

SATISFY YOUR SYSTEM



WE HAVE THE RANGE OF BOOKS & TAPES
TO MEET YOUR REQUIREMENTS

Darkfulled through bookshops Computer shops and selected chain and multiple stones.

DISTRIBUTORS TO THE TRADE, SOLE UK DISTRIBUTOR OF SYBEX BOOKS, TRADE ENQUIRES WELCOME

30 Lincoln Road, Olton, Birmingham B27 6PA Tel: 02

POPULATICOMPUTING WEEKS

Running the gamut

David Kelly talks to Tartel, the people who brought you Surts invel® And the come which but its

The marrie - Presider control conscion equivalent the 28000 for tive or an months now and we are just getting

Street Life Street Life Street Life Street Life Street Life Street Life

By splitting off from Tello two years ago Tatel freed rooff to build and destribute

The new generation of games have



I would doubt that the death of game

REVIEWS

The sound of beating arms Software author Simon Lane turns reviewer and finds that the latest Spectrum parties vary considerably in quality

Simple Spectrums still easen to be selling the hot cales despite the ever on popyright, this may not have been such a good stee The only rosignable difference between

A robotic gardener



70-24n from kreaging is prother game

REVIEWS Nest you have racks loge and very

of an adversure germe, problem solving,

Rolling the dice



A way of life for some, a game for others,





PROGRAMMING

A character change

funt of a sur-part sames for the Visati Have you over wondered what goes on these year Vic? Obsequely the compo-

18 FOR ALL THAN TO RETURNING A PROPORT A PROPORT A DESIGNATION OF THE PARTY.

32765 on which is the gree in Figure

our graphics may be overwritten by Sexic Delete May 1 and 9 Right warm in

Add the Braw in Figure 1 to your programs

So what we do is alrege our character

imagine an 8 - 8 and of empty cuits

Ploure 2

Figure 1



SPECTRUM

CHARGE TO THE CHARGE TH





A tour of the board Denis McCarthy presents a si

The groups for the HK Spectrum For thise of you not territar with the

The next screen display shows be-

171+550)

HE-HEID TO LINE! TO D-1

D+PO, 21+0-0+PO, PA CHRS

INTER TO DE THEN SOUTA

BBC & EDUCATION

Put on the map...

for the BBC model B is program as designed to be the base

The program is structured for ease of

SOURRE ORE

on Makeron

SCORE: 33



BBC & EDUCATION

400 MOVE \$ Y-1010899 X, Y-10 295H * 101 J-MESON 1982 * 470 1F Rel37 Setel0 480 2F Sel38 Terel0 30 PDGS 119-0123-0 40 PDGS 450, 2015/49450, 1000105/4 10001099611250, 3010998 450, 20 40 READ X.Y TO SF SH-1 MAD YH-1 THEN READ 90 OFFRE 2,7 GOO PRINTING (4, 1) "PAP" 500 PEDMITMENS, ALL THUS IS A ... SPORTSPHICAL "PEXPECTED." CA PACKETAGE 400 PEDMITMEN A ...LOST DF... ELLIES ... ARTY DE .. - - ANTINCES ... ALC PRINT HOVE THE "CROSS TO" THE RESTAURT OF THE PARTY OF TH 200 PROCESSES 250 UNTSL WONLINEER 250 PRINTS (MCCARE / ENTITIONS/CAL/IC)) 270 IF (JJ/101-70 THEN PRESENTED LATER AND PREDATE LABOUR. ARD PERSONNEL, 93 131, 91 (3) 730 EDIRES, -10, 100, 2 750 VEIE-BOXLO, 1-MOVEX, Y-PLOTAN, 1, 1 290 DASA -1,-1 200 BATEZRA, AO, 820, 40, 850, 80, 900, 70, 780 02-22-588 CK1180-X1+A88 CYL180-Y1 1200, 310, 1180, 350, 1140, 359, 1130, 350, 1110, 3 050,1110,3 49,1110,789,1080,400,1080,400,1000, 800,1000,580 830 UF KINDSHER ENDANCE BYO DEFFYECURED

BYO HENTORS 910

BYO FOR DAL TO STARDAD VI. ALLEGORY 519, 450, 4 \$9, 910, 510, 890, 480, 920, 460, 900, 370, 820, 380, 890, 350, 850, 310 320, 0916860, 330, 870, 380, 600, 320, 820, 200, 879, 229, 890, 890, 920, 320, 880, TOD SETT! TO SAY, -15,41,-15,33,0,0, -15,41,-15,47,-15,33 0,850,140,820,80,780,46 - 350 DMTR -1,-1,840,400,870,400, 850,440,840,430,840,400,-1,-1, 730,470,750,480,7 40,500,710,500,729,470,-1,-1,1040, 1040,120 260 DEFFFECCIONS



TO MAKE A SUPER GAME INTO A FANTASTIC Arcadia, Penetrator, Horace Goes Skiing, Spectres, Flight Skrutetion and Space Zoeties. ONLY \$4 95 \$11.00 SUPER SOFTWARE FOR YOUR CBM 64

FOR YOUR UNEXPANDED VIC Escape MCP Pakasoda English Invaders, The FOR ANY VIC

> Critism, Cyclons, only \$5.65 each. New for your 64. Star Trek, Parist 54, Propper 64 Charmen and contri unders to

DRAGON Search and destroy

The purpose of this game is an except of three alien shape which are moving at

18 EN-288 LE-6-05-FU-5 30 DIMPL(19.12), PL(32.32), SP(14.14), BL 48 RIMSHOC 1883+58-RY-RHDC 083+58 (DAMPK+

70 GET(100,100)-(19,12),ML-G 90 GET(100,100)-(119,112),0L,G 188 CISCLE(27,28),18

100 CERCLEY: 20 > 16.,4.,60,.67 120 CET(10.10)-(40.42)-P.L.G 120 PCLS COMMISST. 4.91028:1018201L201L1 DOX:102.1011.01112112112917 ## GET19.83-C14.143.5P.G

190 PHOCE4.1 SCHILDT.1 PCLS 160 CINEC6.6 > (220.106), PSET.0 170 CINEC6.6 > (220.106), PSET.0 100 CINEC6.6 > (220.105), PSET.0 198 LINE(18,179)-(246,183), PSET, 9

218 FD81-8 TO 12 238 FSET(RND(246)+6, RND(164)+6,5) NEXT 230 PRINT(11,100),5,5

MR LINE(FUL 100)-(FUL 102), PROSET 278 PUTCPX-28>-(PX+33-28+32>-PL-PSET 280 PXMPX+0.5

FRICE/FCRINEFGEE/RICEGEE/RICEGEC/NDCDVCDRG

OFRGER* GOTOGZE 318 WUTCH, YO-CHIE, YHIE N. SP. FSET 380 1FSZ=2 THEN 730

298 1753×2 THEN 748 498 IFSIME AND SZHE RND SZHE THEN DOW #28 IFF#2 THEN ROPECH BURGONS CONTRACT 438 EFF#3 THEN PY*PY*4 ST*BY*4 CY*CY*4
440 EFF*4 THEN PY*PY*4 SY*GY*4 CX*CX*4
470 EFFXCO YHEN PROVE

800

698 1FWK2294 THEN RK#234 500 1F8XX234 THEN (N=234 500 1F5X234 THEN 5X4234 510 1F5X234 THEN CH020 520 1FX234 THEN X+224 530 1FX234 THEN X+24 548 IFRICE THEN RIVE THE SECTION THEN CHIEF

500 EFY/O THEN YWO 570 IFF/7100 THEN WY-1GO SON DECENTED THEN CYCLES 620 PRINTINGU HAVE NOT GOT EXCUSH FUEL TO MAKE IT RACK TO THE NOTHORISHER, "PRINT 8235, "GMTE OVER!" END 638 LINECG. 176 (~ K+5) "HET LENE (258,176)-(X+8,Y+6),PSET 648 LINE(PU-188)-(PU-182), PRESET

650 F=FU=1 660 FLM: *T255.L255:V31:09:RRGF8EC* FRO XFRX+8 FRO XFRX+18 RND YXRY-9 CMX+19.MY+12), SL. PSET (8x+19.8Y+12), 0L, PSET IFKXCK-9 RND XCCX+18 RND YXCY-9 RND YCCY+18 THEN SO-8 FUTCOX/CY>-

TOR LINE(6: 176)-(X+5: Y+6 > PRESET LINE (250,176)-(X+8,Y+6), PRESET PUTC RIC, RY >= CRIS+18, RY+123, RL PORT PUTCHK, BY >-< BN+19, BY+12 >, PL, PSET PUT(CX:CY)+(CX+19:CY+12); PL:PSET

CLS-2FFUX25 THEN PRINT"YOU NERE LUCKY AS YOU HAD LITTLE FUEL LEFT. OTHER YEAR BEET THE BOYTH IFFU>188 PHO PU (158 THEN PRINT "YOU ARE NOW H STAR TROOPER," 1FFUCZIO RND FUDIDO THEN PRINT"YOU

UNIVERSE."

by ZDR1 (EX) by

MCROLYMPICS 2 . . . games Salestins of standards (Pec-Man, etc.), plus new arraying games

ALL TAPES CONE WITH FREE BACK-UP TAPE
IN PRESENTATION DOX

SANCLANT SPECTRUM
ZENT, NEK ANK COM 64 DRI
CO 65
Penne seeb me

Please rath ms
TOTAL SUM HOLLIDED C
Please make chaques and FO

TOWN NATHAN Dragon Last Ryte Chance

Plane Compalers
(athere and Cases
516 Ocean Sweet
Modey
Leads
Tol 0500:020900 Her
ZX SPECTRUM
new under \$100

Leohi P. Tol 344256 Home computers software board general rolling general and books Af Leaf a piece see make you offers you can't reform

We're worth a visil because

* We've probably the best range of software in the
North — and we've improving all the larse

 We've in growing range of computers, perigherals upgrades and books.
 We've the biggest range of Cladel figures for lengues about.

ton TER Games Wichstop, Aveice Hit, Vido Genes GDW Yequinto etc. etc.

ASTROLOGY

Left ANNIARIE AT YOUR PROCESSOR

USET INFORMATION THOO PROCESSOR

USET INFORMATION

USET INFORMATION THOO PROCESSOR

USET

Dragon Dungeon BEST SELLING DRAGONWARE THE INCOME.

From the second control of the second contro

OTHER TOP SELLERS
THE KIND (Microsin) \$500 CRUSING (Bushing \$500 and (in always) \$100 OF SATISFESS and PANAMA \$10.00

Line Street Selection (Control of Satisfess) Se

FOR 46K SPECTRUM AND CRAGON 32 2000/CF Full continues organism on one consiste FOR CONLY £15.00 Other peopless in course of properties organism.

Other property in storms of properties online FED
SECURITY THE SECURITY SEC

ALL THE PLANETS POSITIONS in Sign Degrees and Minus THE LUNAN NOSE — THE PLANE OF FERROUSE — T VENTES AND A HOSE OF PICKED SITE COUNTY INSCORE THE TOWN IT THE COURT OF A KINY

Tel. (0632) 092779

POPULAN CONFUTING WEEK

NOW AVAILABLE FROM W. H. SMITH AND BOOTS

EVEREST ASCENT

A graphic simulation of man's ultimate endeavour!

Stake your claim to the Top of the World in this strategic vertical advertise, Top of the World in this strategic vertical advertise, Top of the world's This per peak, straying from base camp to base camp, survive the elements—watch out for availanches, thin sce and wayward sherpes.

camp to base camp. survive the elements ...watch out for avalanches, than and wayward sheep as ...encounter abominable snowmen and cross bottomiess crevasses!

Agame of skill,

(8246) 831

A game of skill, strategy and planning for those with a head for heights!

Only

Can you write games like this?

games like this?

If so, why not send a sample — we offer generous cash rewards!

(8/246) 63531 SPECTRUM

48K SPECTRUM

DEALER ENQUIRIES WELCOME — EXCELLENT DISCOUNTS AVAILABLE WRITE OR RING JOHN SALTHOUSE

RICHARD SHEPHERD SOFTWARE
LM HOUSE, 23-25 ELMENOTT LANE, CIPPENHAM, SLOUGH, BENTS, TEL. (00294) 03331.

POPULAR COMPLYING WEEKLY

ORIC MCP 40 COLOGR PRINTER



Supertry styled and quality engineered to provide a colour hard copy, for home and business use.

Just look at those leading features:

Quality hard copy on plain paper

Superb graphics and text capability Prints 4 colours – Red, Green, Blue

Prints 4 colours - Red, Green, Blu Designed to match the futuristics

Plugs straight into your ORIC - printer lead st

ORIC The ORIC MCP 40 – Setting new Micro Computer Printers. ORIC 1

ORIC PRODUCTS INTERNATIONAL LTD Cowoth Pick Manual, Coworth Pick, Londo Summighal Accord Refu \$15.76E

ORIC products available from:
WH SMITH DIXONS GREENS LASKYS MICRO'C'
MICRO PERIPHERALS SPECTRUM COMPUTERS FOR ALL
and hundreds of independent dealers.

ORIC-1 16K for ONLY **ORIC-1 48K** VALUE PACK ORIC 45K plus 640 worth of CRIC Software for ONLY 169.95 SECTION LEGIT ORIC 1 16K & 48K Micros CRIC I Tedays hest value in real



COMMODORE 64

The final countdown

Once the pulput file is opened, the first

locations at present, and certainly no

Call up the many option which allows

14101 NEW MACHINE CODE BAVE

14118 GORUP 11258 1 GORUP 12898 1 GORUP

14125 IF SA THEN 14190

14320 DEEN 2.DEV.D.INS : INFUTS 2.SA.EA

Open Forum is for you to publish your programs and ideas. Take cere that the listings you send in an all buption. Your documental whole all the listings you send in an all buption. Your documental whole and then give seem detail of how the programs is constructed. We will per the Programs of the Week doubtle our new face of ES for each program or the Week doubtle our new face of ES for each program or the Week doubtle our new face of ES for each program or the Week doubtle our new face of ES for each program or the Week facebox our new face of ES for each program or the Week facebox our programs.

a constructed. We will of ES for each progrem subcy on the left do thin by

town which is on the right of the ecreen

control and more protection has been real at this surprise (MB in more very five and the surprise (MB in more very five meaning the surprise five sent five first the control or surprise first the control or substitution of the first the control or substitution of the surprise first the control or surprise

In this game, written for the 46K, are the herdest sheriff in the W job is to clear the clirt and gife

HARES AUGIO

HIMEN BUSING HORNE SOU PROCES TYDES BUSINE PLOT BUSINESS PLOT 13, 1,110PLE 2,14

PLOT 13,1,10PLST 14,1, 5,14 FLOT 13,1,"BODT-HELL"W FOS 8-1 TE 7 FOS 8-0 TE 1 FOS ALEXANDERS, 10P-6 FILL ALEXANDERS, 10P-6 FOS 8-0 TO 2PT

DO FOR SHE DO 25" TO SEE PERSON SERVICES OF SERVICES O

290 CM:1 4:5120 ×254 F1400 29: 80808 248 (24 EAL), 45000 ×254 00908 229 55 00908 229 24: 27 P885 1220 26: 8440 1720 21 (F885 1220 -1

280 OPE 1,000/(1)+M 200 000 131+40423 AND 000 121+1 AND 200 AND 000 131+40423 AND 000 AND 100 AND 200 AND 200

200 IF PER 100* 122 EA PER 1444401 200 THER 340
200 BEOLDES & SCENI 11455/2004 4940
200 IF CEN 164440 200 THER PET 100
20 IF CEN 164440 200 THER PET 100
20 IF CEN 164440 200 THER PET 100
20 IF CEN 164400 200
20 IF CEN 1

300 OF PEER 10-MAIN-2008 THEN PRODED (11)-80-0096 S 100-2018 APPEAR 100-2018 PLICETORY PRE-111/POPE PRE-110-PEER 410-2018 PRES-12-FORE PRES-12 COT FORM PRES-12-FORE PRES-12 COT FORM PRES-12-FORE PRES-12-FORE

NV IF 18 - 1004 00040 504 ELSE BAJT AND URITE PHONE AND 405 IF 18- 1000 470 AND MAIL WINDOWS AND MAIL THAT AND MAIL WINDOWS AND AND 405 MAIL WINDOWS NOV MAD 1. 550 Tempigate/Te₄L(0) 14x-2xxPLAY 540 FET100 100 FGE Ame 10 72 540 FGE Besedon 10 70 540 FGE (FFET E F.E 500 MAD 12 A.A. 570 MOD 10 FGET

ADD SEPERT MAD DE ADD SEPERT DE SE EL SEDE-PRODED ADD SE ESCOCION - MENT CASC ESCO-ADD SE ESCOCION - MENT CASC ESCO-ADD SE ASCENSON L ADD SE ESCOCION - MENT CASC ESCO-ADD SE ESCOCION - MENT CASC ESCOCION - MENT CASC ESCO-ADD SE ESCOCION - MENT CASC ESCOCION - M

000 ACCEMBED. 800 WATEL DRIVERS 600 WATEL DRIVERS 600 WATEL DRIVERS 600 WATEL 600 W

PL.TURN SALTA 18, 10, 47, 44, 42, 49, 2, 22, 7, 48 SALTA 83, 43, 54, 54, 55, 55, 48, 45, 20, 48 SALTA 53, 7, 7, 7, 71, 63, 23, 7

Boot Hill by Kerth Thomas

Program notes Program roses (0 1/4 Edity sown shele (20 20 10) tops none con not beyon or commit

on Commodore 6
his game you must sinelege en rade of atomic livel on an
pells in such a way as to I count occupying none of it if go you may place one of
where on the playing area the self is either vacant or o
rof your own proces the number of fuel rods
5 PPINT ** 7 PORE \$3299.11 8 PORE \$3291.11
28 86-1 AECES THE AECES
98 FP:HT-320700 GP:ID-000000000000000000000000000000000000
WHIPC: 24178 MT















SEE CETOF TIME C. "THE COMP DET OF IF OF THE AND

PRINT WHE . NEWT 1828 IFF STREET CON-TOSTER-1

STER (RECUE) (R. 2)

2062 PF 14TPS NA1 2367 PRINT NEW COSTUMENT OF THE PARTY OF THE P

2374 PRINTING 2288 TFZ=1THD42390 THE PERSON NAMED IN COLUMN TWO COST ECOLE+134FESCECOLE+1334FHHH

PRINT WOOL

TRANSPORTER 9600 1FR-9069-1THDMC-C-1

PRINT DOP. NEXT INHITHER CHECKS IZ OUTO

COID PRINT'M " AND "RICHTS" (2'R. 53)), 1" GER / TENN . COSTISSIONALISSOS COTICAGO PRESENT TARREST FORE SHE IS CHARLE TRACKERSON

WEST COCKES SO. MINIS NAMES OF PARTIES ARREST COMMENTS WHITE PRESENTS

NAMES OF TAXABLE PARTY. 2000 SORE IFHITHOPOSEGAS, 12 PRINT' B'. CHARLESTPRONES CEON-ESSOS

IFBR - BETHERITE

PRINCES DATE: [F712#, "0000000*THENT000 FOXD(*101,02

POKEX+Y+107.7 308 POKEX+107 107 FOKEX+107.107 FOKE +107.7 PORE (+128.81 POKEX+128.81 PONEX+V-178 T FORE 0-120 115 PONEY+120,115 FOREX+V +129 7 PONEX+149,74 PONEY+149,74

Y+151.7 CONDITION DE PONDITION DE FORDITION DE PONDITION DE POREIT

ACREST-100 32 1F W7712THENDERO DOTO161 DID

THE PERMIT MICHORE MOST UP " THE

SET ASSET ADDRESSESSES E SAC-1000 ISTECUNT 140

DC 1117 (8000000) DET . D. D.L-1 IFE-1THERIES 426 POLEDBOTE 18 FOFL#250 FOREJESTELL FORM*ITOGO HEXTH HEXTH POWERSHIP D C27 POWERSHIP TOO POWLWISTONSTOP-,05 POWERSHIP, MEXIL FOXESSHIP, 0

641 ITMED RICRITHENICS S45 SCHELLION PRINTSHOO

CCCCCCOPPEDENT. E-C-1000 PFINT TEXT

RE-TO-PERSONNEL SHE CANTINGEDOLDER

ENTODO FASHT (NGC1)+12) CHINT-RNDC1

SE DAL SERBITION CE SO PRINT MENERGY " E SO PRINT MENERGY " E 40 SEZMT-MOTEURITION TO FERNI WALLERS

166 IFA3=10 THENCOTORS 167 IFA3=10 THENCOTORS 166 IFA3=11 THENCOTORS SER TERRE METHERSON

100 FORESERS 15 FOR #1702 FORH455 02/003787-1 701 FORESERS HI NELTH FORMS40T025 PORESERS HI NELTH FORMS40T025 1/12/2076 IN NELTH PORESERS, 0

| 1802 PERENYHLIS | | 1802 PERENYHLIS | 42 FERENYHLIS | 44 FERENYH | 1804 | FERENYHLIS | 142 PERENYHLIS | 44 | 1804 PERENYHLIS | 1804 | 144 | 45 PERENYH | 1804 | 17 PERENYHLIS | 43 PERENYHLIS | 42 PERENYHLIS | 43 PERENYHLI

1004 FOREN-141, 42 FOREY-141, 42 FUNE +141, 1 FOREX-142, 42 FOREY-142, FOREX-W-142, 1 1005 FOREX-143, 42 FOREY-145, 42 FORE 100 SECTION FOR PROPERTY OF THE PROPERTY OF TH

500 PORTAGEN: 15 TORL-11015 FORM0200-LE FORMSTRING HERTH OF
500 PORTAGENTO O PORTAGENTO.
500 SENTINTENERS
500 SENTINTENERS
100 SENTINT
1

On Acc with detailment that if does not a policy as a polygon. For the Jupor Acc However if you have just refuse when dealers the lamp June. The process within Porth programs youther for an extensive within Porth programs. You will be a windown to the lamp June 1997 to refer to a few polygons you will be a windown to the lamp June 1997 to refer to a few polygons in the program cannot be examined.

review it difficult to add them out then you make withen and debugging. The program which is to be posture within your make with the security program. It seems limited year in the security program. It was also you will see he had not be driftly response in an OK printed on to the screen.

SECURITY PROGRAM

Notition for the Juditor Ace
by Simon Dross, 1983.



Security by Simon Dross

Letter Writer on Dragon of the program shauld be very easy to have been computed as only the profession commends and the commends and the commended and the

mily to heath signs with the signs with the signs of the sign of the s

LETTER WRITER
EY
TIMOTHY BONNELL

18 (LEAR Samb

OB CLS PRINT'I APUT YOUR JOHESS" IN INPUT'HAUSE NOWSTREET".HIS RIFLERKRIS: OB INPUT'PRPISH".RZS RZ=LEN(RZS)

RE INPUT"COUNTY", RAS ROWLEN RAS: THE INPUT"COUNTRY", RAS ROWLEN RAS: THE EXIST PRINT INPUT"CHTEKIN: VERSION: ". RAS RES!

SE LEPUT-PROMIT HERE LINE C.S. YUNC PRITHFULLY" AND RE-LEM AND 190 INSUT-YUNC ROMEY, AND FOR SEN AND 110 CLE PRINTERS, "YOUR CAULDES AND 120 INSUTE SELECTION OF A LETTER YOU HAVE ALLERED SAVED ON TAPE"

M PRINT PRINT'S, USE H LETTER YOU HATT, HUCKETHAN M PRINT PRINT'S, TYPE IN A NEW LETTER" 8 PRINT 8 INPUT"HHICH DO JOU HANT" DAM

The Information (CO. MORATA AND A STRENG 158 179 OWNER (ORS.) FOR CONTROL OF THE ADDRESS AND A STRENG 158 179 ON GOTO SEC. 158 168 (LS PRINT PEINT 160 LS PRINT PEINT PEINT PEINT 160 LS PRINT PEINT PEINT

ounds at the end of lines /s will deal with st." ISB PRINT PRINT" at the end of each paragraph .Press the d ley" ! "MP PRINT PRINT" at the end of the last Paragraph Press th

218 FOFFR-STRIGG 228 FOFFR-STRIG 279 FORS S-170200 248 25=108FV5 SF25=""THEN 240

78 FESS" THEN 358 78 FESS "STINEN 208 78 FESS "STINEN 208 79 FESS "STINEN 208

250 PPINTON /-U HH-LEH LU PPI FF ---1 DNG IFZEN-CHOW BOTHEN LU PPI PPI HLEFTU LU PPI PF UHH GLSEDZO 318 GOTO 330

128 LB PRIPPINLS PO THE NEXT LE HR NEXT PP

SEE PRINT INFUTION YOU WANT TO SAVE THIS ON TAPE DY-HUT-GOW ITS INCOM-YYTHOGOUS "- "ATTINEN DOG 99 FRINT WEEDING THE" 480 INFUTIOR TOPE" 180 INFUTIOR FOR MILE SHELL I SECOND IT"/F9

POR LAD COMPLYAN MEDICA

```
439 PRINT STOP THEE NOW! !!
448 INPUT "NHRT "NALL I NAME THIS LETTER ", FS
458 INPUT "PPESS PLAYINGECOPD MID THEN THE (ENTER) KEY" OF
529 CLS FRIHTRIZE: "NOW STOP THE TRPE"
530 INPUTSHERT IS THE NAME OF THE RECIPTENT OF THE LETTERS, AZE
560 PPINTE-2-TREXTS-81 -- RIS. T.
574 PRINTE-2, TRE/ 79-81 -- 848 ", "
580 PRINTE-2:180 88-81 1:854 1.1
FRE PRINTER, TREE 78-96 UPOS
HIR PRINTE-2 FRINTE-, "IGES ", AC'S "."
668 IFL# CR CB+1 / 2" THEN 298
698 FROLEN LECCR. CE . > PPS-LEFTS-LS-CR. CF - PF-1 >
289 FOR LISTON FIN PRIS
 00 PDF1=110EPREPRE
18 LOS=NIOS-PRS.[:1] MS=MS+LOS
20 MI DE=1 "200 DE=150E 25 MD DE=1."00 DE=1."00 DE=1.700 LOS=1270D DE=1
2 W MEAT 3
768 FZHR ERINTE-2, CHRW 15 I NEXT CH DOTORRO
7/8 IFPOSK = 2 +LEW LBS - 7STHEIPFINTE-2
7/8 PFINTE-2. CHESK 15 - NB - NB=" CUTIF738
7/8 FFB=LSK CR. CE -+ " CUTIF 788
FOR PRINTE-2. CHES (5) PRINTE-2. CHOS 15)
818 PPINTE-2 (NF# 15), TRE 76-88 AND . . .
HOR PRINTE-2 PRINTE-2 PRINTE-2 PRINTE-2
*18 PRINTE-2 CNPS 15 ) THE 76-88 ) RMS
BIR INPUT WOULD YOU LIKE PROTHER COPY OF THIS LETTER DY'NG WUS
8e8 IF CUSA"Y"THEN 538
888 INPUT "HINRY IS THE NAME OF THE LETTER ON TAPE" HIS
898 CLS PRINTRIPS. *PLEASE HALT HALLE & FIND YOUR LETTER"
SOR DEEN'I' FOIL NE
SIR FORPRELLINGS
HZB FORPPHITOIR
```

948 IF EOF -17THEN 978 958 IFFIGHTS LS PR.PP), 178*8*THEN NEXT PR A VIDCOM CREATION

MIJID, BECAUSE YOUR PRODUCTS HAVE GROWN UP...





Section with easier than designation of Conference Supramer Supramer Peace can can accord to a strong or a laboration of Conference Supramer Supram

Automatic resignate y Michielle and a competition of the Commission (MRD Populations), view (Copie desirable), their (COPIE ARTICLE) (MRD ARTI

POPULAR COMPUTING WEBS



The first perenation included all the

PRODURED BLOCKERS TO THE MISSIS, 19

Adventure Helpline Sier-



W SHEEL OF NAME OF STREET





160 Water Lees, Brillian, Wast Williams SET MA





TE MON HONE COMPUTER SERVICES, DEPT 6
20 NAMER SERVICES NELSCH, LANCS 989 059

the risk named within passes in the risk named and legislature.

PEEK & POKE



O Late interested in taking poter studies and wondered

rismes analiable, I no very A The pace to your question

HAL

works I have that a pair of

PROGRAMS

Q Whe is it there are and A labor there years and a

CONTROL O able 100 peri to lot my ber of treus running at the

LOOP THE S D Robbers of Memor S O I have a program that able than into a For New long.

the propriet was running. A The e a ten me te

for granted? Whatever your problem Peak it to lesmany answers as he can. The address is Peak &

CENIE CONVERSION O I am writing to you show

brice to receive them Couldn't

A The Gene, like the The-

CLASSIFIED CALL DIANE DAVIS ON 01-734 2659 FOR SEMI-DISPLAY AD THE REAL PROPERTY AND DEL BROKO IN THE STORES NEW PROM ASCORPT For Union pended Vicility Alen Sonnus III on graphics - medical cache alon Dan RULE COMPUTERS # an authorized form of a distribution of the second form problems () in I paper ACTION GAME TAPES SPECIFIUM SPECIALS DAY I AND DESCRIPTIONS OF TROM STAR-HARD JANE I CLASSIFIED ADVERTISING DATES-Please write your copy in capital letters on the lines below. Line by time. For private that Seni-display (5 per arole col -Totaless Please out out and send this fam to Classified Department. Payutar Computing Needly





Ring Cr-734 0454 and give DAASON 32 and stockers friend as THOSE a country and that fight have COMMODURE VICES HIS EXHIBIT CRUISING & BLIND ALLEY Crabbin THE DESCRIPTION ASSESSMENT TOTAL THE MOST - COV CAMES USE - 20 The women of the month's SPECTRUM BILL INC. HONDON-SPECTRUM BILL INC. HOLD PROVIDE SPECTRUM BILL INC. HOLD PROVIDE THE CT. ITTL CARD CHANGE.

LYNX SOFTWARE

BUS-TECH

Preser fick doe as required
Land MUNICHER (By R Gordon) 04 50

Ext the conver cells from chains the schools

WILLIAM

t the prover polis then chase the ghosts ETTLE BRICK (by H. Sondon) EX 50 but and ball game with multi coloured bricks using gr und and a high soore fraters FAIN EXIL bit A Miles! ES 50

A new exciting stills game with two options that everyon play — highly recommended 200606 PARC (By A. Miller). E4 50 Excipe the unrelating Zambers and lure them into the November A though the bids.

Listent, Poperspace vide respects on use of graphics and sound to the control of the control of

REFLINE (9) M. Orage () 15: 66

A useful marks tracking and design program for schoolchidren including tables conversion. Trig. etc.

on new releases—with you receiving good receives by your stature. Prease sand tops wen occurrentation to 6LG TODA PAME.

ACTRICS.

programs served and bit in your name and address pointed with Quick maken (IX). Please service or organization of programs and poster colors (IX). Please service organization of programs and poster colors (IX). Please service organization of the CALL PROGRAMS (IX) Please service or to LANGEOR (IX). Please service or to LANGEOR (I

MONSTER SOFTWARE CLUB SOFTWARE LIBRARY FOR THE DRAGON 32 * Software for hire from 11 menufacturers

TWO YEARS reembership for only 08
 Same day service
Send for details of FREE three reords trial is beneby enclosing size to

32 Lennox Driva upaet Park, Wekefield WF2 BLU The control of the co

SUNRISE SOFTWARE
SPECIFISM CORROS 25 55 G GPACON The King and 25 55 Tober 67 65 Sunnis Sunnis ALMRI Proper

The control of the co

And and Analog inegatives fell stock less for Atan CBM 64 Stages Dec Spectrum and Vic23 Cheques PCs to SUMMISE SOFTWARE, 25 GAITSIDE DRIVE, ABERDEEN

NEW RELEASES

TWISTED

CONVERTER

PERCOME

IMPOSSIBLE

NEW RELEASES

UTILITY

MUSIC SHAPE

losens .

Tymoul I go bread, don't ick up anything

6 as a Nastra

tens Man

ULL COLOU

Allowedce would are that

FIG-FORTH

PACKAGED own a BBC in a possible sea



spect The C Programming Language by Kamighein



100 GOTO AN APPROPRIATE APRIZ MODELS IN 21/22





